

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application:

1. (CURRENTLY AMENDED) A method of forming a fiber cement assembly comprising a substrate, a first layer, a second layer and a fluorocarbon film, the method comprising:

forming the a first layer of adhesive mixture on an a first exterior surface of the a substrate wherein the first exterior surface is an exterior-facing surface and has a texture, wherein the first layer is an adhesive mixture and the substrate is selected from the group consisting of a fiber reinforced material, a metal material, a plastics material, a wood material and combinations thereof;

forming a second layer of adhesive mixture on a second side surface of the substrate wherein the second side surface extends substantially perpendicularly from lateral edges of the first exterior surface of the substrate and the second layer is an adhesive mixture;

placing a fluorohydrocarbon film on the first exterior surface of the substrate; and

applying heat and pressure to the film in a manner such that the film is bonded to the first exterior surface and second surface side surfaces of the substrate at the same time, wherein the texture of the first surface is transferred through the film.

2. (ORIGINAL) The method of claim 1 further comprises placing a rubber sheet on a non-bonding surface of the film wherein the rubber sheet facilitates transfer of the texture on

the exterior surface of the substrate to the film.

3. (CURRENTLY AMENDED) The method of claim 2 wherein placing the rubber sheet on the non-bonding surface of the film comprises placing a rubber sheet having a durometer between about 10 and 100 shore A and a thickness between about 1/16 inch and to 1/4 inch.

4. (ORIGINAL) The method of claim 1 wherein applying heat and pressure to bond the film comprises using a press having a horizontal member that presses a first section of the film against the exterior surface of the substrate and a plurality of vertical members that cause a second section of the film to wrap around the lateral edges and press against the side surface of the substrate.

5. (ORIGINAL) The method of claim 4 wherein using the press comprises using a continuous isobaric press.

6. (ORIGINAL) The method of claim 5 wherein the horizontal member comprises a metal platen covered with rubber sheet and the vertical members comprise a plurality of rubber belts.

7. (CANCELED)

8. (ORIGINAL) The method of claim 6 wherein the rubber belts have a durometer between about 10 and 100 shore A and a thickness in a horizontal direction of about 1/16 inch to 1 inch.

9. (CURRENTLY AMENDED) The method of claim 6 wherein the vertical members have a thickness ~~of the rubber belts in a vertical direction is~~ greater than the thickness of the substrate plus the second layer of adhesive and the film.

10. (CURRENTLY AMENDED) The method of claim 5 wherein the continuous isobaric press further comprises a plurality of support ~~material~~ materials having an upper surface that is adapted to receive a substrate, ~~the~~ each support material having a width smaller than the width of the substrate.
11. (ORIGINAL) The method of claim 1 wherein applying heat and pressure to the film comprises applying approximately 15 to 700 psi for about 5 seconds to 5 minutes at between about 350 degrees and 450 degrees F.
12. (CURRENTLY AMENDED) The method of claim 1 wherein forming the first layer ~~of adhesive mixture~~ comprises forming a layer of adhesive that includes a reactive isocyanate compound and a catalyst that is capable of catalyzing a reaction between the isocyanate compound and hydroxyl functional groups.
13. (CURRENTLY AMENDED) The method of claim 1 wherein forming the second layer ~~of adhesive mixture~~ comprises forming a layer of adhesive that includes a reactive isocyanate compound and a catalyst that is capable of catalyzing a reaction between the isocyanate compound and hydroxyl functional groups.
14. (CURRENTLY AMENDED) The method of claim 1 wherein forming the second layer ~~of adhesive mixture~~ comprises forming a layer of hot-melt polyurethane based adhesive.
15. (NEW) The method of claim 1, wherein the substrate is a substantially rectangular fiber cement plank.
16. (NEW) The method of claim 1, wherein the first surface of the substrate has hydroxyl functional groups positioned to bond with the first layer.

17. (NEW) A method of forming a fiber cement assembly comprising a plurality of substrates, each having a first layer, a second layer and a fluorocarbon film, the method comprising:

forming the first layer on a first surface of each substrate wherein the first surface has a texture, wherein the first layer is an adhesive mixture and wherein each substrate is selected from the group consisting of a fiber reinforced material, a metal material, a plastics material, a wood material and combinations thereof;

forming a second layer on a second surface of each substrate wherein the second surface extends substantially perpendicularly from lateral edges of the first surface of each substrate and the second layer is an adhesive mixture;

placing a fluorohydrocarbon film on the first surface of each substrate; and

applying heat and pressure to the film in a manner such that the film is bonded to the first surface and second surface of each substrate at the same time, wherein the texture of the first surface is transferred through the film.

18. (NEW) A method of forming a fiber cement assembly comprising a substrate, a first layer, a second layer and a fluorocarbon film, the method comprising:

forming the first layer on an first surface of the substrate, wherein the substrate is selected from the group consisting of a fiber reinforced material, a metal material, a plastics material, a wood material and combinations thereof wherein the first layer is an adhesive mixture and wherein the first surface of the substrate has hydroxyl functional groups positioned to bond with the first layer;

forming a second layer on a second surface of the substrate wherein the second surface extends substantially perpendicularly from lateral edges of the first surface of the substrate and has hydroxyl functional groups positioned to bond with the second layer and wherein the second layer is an adhesive mixture;

placing a fluorohydrocarbon film on the first surface of the substrate; and

applying heat and pressure to the film in a manner such that the film is bonded to the first surface and second surface of the substrate at the same time, wherein bonding occurs between hydroxyl functional groups and the first layer and second layer formed on the substrate.

19. (NEW) A composition provided by the method of claim 1.

20. (NEW) A composition provided by the method of claim 17.

21. (NEW) A composition provided by the method of claim 18.